

Turf Management Career Development Event

New Jersey FFA Association
New Jersey Department of Agriculture
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In Cooperation with the New Jersey Department of Education

Purpose of Event

The New Jersey FFA Turf Management Career Development Event includes all aspects of the industry in producing, marketing, utilizing, and maintaining turf as well as related products, equipment and services. This event will stimulate a career interest, encourage proficiency development, and recognize excellence in students of turf management through the agricultural education curriculum. FFA activities are an integral part of the instructional program in Agriculture, Food, and Natural Resources Education.

Common Core & State Core Curriculum Content Standards (CCCS)

Through Agriculture, Food, and Natural Resources Education, FFA helps students meet the Common Core Standards, Science Core Curriculum Content Standards, and the 21st-Century Life and Careers Core Curriculum Content Standards. The Turf Management Career Development teaches students about English Language Arts, Science, and Career and Technical Education. Some examples of how the Turf Management Career Development Event is meeting these standards are:

Students will: integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.

- The problem-solving component of this event involves students solving word problems about turf and reading pesticide and herbicide labels. **[RI.11-12.7. English Language Arts – Reading: Informational Text – Integration of Knowledge and Ideas]**

All students will understand that science is both a body of knowledge and an evidence-based, model-building enterprise that continually extends, refines, and revises knowledge.

- Students need to be familiar with the application of pesticides and herbicides, which are used as chemical controls for nuisance species. Students will recognize that different chemicals are used to treat different species and that new pests and nuisance species may arise (invasive species). **[5.1Science: Science Practices]**.

All students who complete a career and technical education program will acquire academic and technical skills for careers in emerging and established professions that lead to technical skill proficiency, credentials, certificates, licenses, and/or degrees.

- By participating in the Turf Management Career Development Event, students will learn technical skills, such as integrating mathematics to solve real-life problems, to prepare for a career in Turf Management. The top three participants in the event are also eligible for a scholarship to attend a post-secondary education program at Rutgers University. **[21st-Century Life and Careers - 9.4 Career and Technical Education]**

Rules of Event

All Career Development Events will follow the general rules, which are published in the NJ State FFA Activity Guide (Form 7.000). This event will have four (4) Phases: Phase I – General Knowledge Exam (25 min); Phase II -Identification of Turf Species, Pests, and Disorders (25 min.); Phase III - Equipment Preparation, Maintenance, Problem Solving, and Safety (25 min); Phase IV – Part 1 – Site Evaluation (20 min); Part 2 - Customer Relations, Problem Solving or Job Estimating - (10 min). A chapter may have a team of three (3) or four (4). The top three (3) scores are used in determining the team's rank. For more details on this event, [click here](#) to consult the [State Activity Guide](#).

Scoring for the New Jersey Event

Phase I –General Knowledge Exam - 100 points

Phase II - Identification of Turf Species, Pests, and Disorders - 100 points

Phase III - Equipment Preparation, Maintenance, Problem Solving and Safety - 50 points

Phase IV – Part 1 - Site Evaluation; Part 2 - Customer Relations, Problem Solving or Job Estimating - 150 points

Total Event - 400 points

[Click here to discover the Career Opportunities, SAE Opportunities and Proficiency Award Areas that correspond to the Turf Management Career Development Event!](#)